LANGLEY. 1640

A New Almanack and Prognostication for this yeare of our Lord God. 1640.

Being Bissextile or Leape-yeare.

Conteining necessary Instructions to be observed throughout the whole Kingdome.

Rectified and referred to the Meridian of the famous Mayor Towne of *Shrewsbury*; and generally for all the North-west parts of *Great Britain*.

By Thomas Langley Philomath.

Felix qui potuit rerum cognoscere causas.

LONDON
Printed by R. Bishop for the Company of Stationers.

The Common Notes and Movable Feasts for this present yeer 1640. accordingto the

Account in England			Account beyond Sea.	
	7	The Golden number	7	
	17	The Epact	17	
	E D	The Dominicall letter	G A	
February	16	Shrovesunday	9	February
April	5	Easter day		April
May	10	Rogation Sunday	4	May
May	14	Ascention day	17	May
May	24	Whitsunday	27	May
May	31	Trinity Sunday	3	June
June	4	Corpus Christi	7	June
November	29	Adventsunday.	2	Decemb.

The Anatomy of mans body, as the parts thereof are by Astrologers attributed unto the 12. Signes of the Zodiaque.

♈ Aries, Head and face.

♉ Taurus Neck and throat.

♋ Cancer Breast, stomack, and ribs.

♍ Virgo Bowels and belly.

♏ Scorp. Secret members.

♑ Capricorn Knees.

♊ Gemini Armes and houlders.

♌ Leo Heart and back.

♎ Libra Reines and loynes.

♐ Sagitarius Thighes.

♒ Aquarius Legs.

♓ Pisces the Feet

The Beginning and Ending of the foure Termes, with their Returnes for this yeere 1640.

Hillary Terme begins January 23. ends February 12. hath 4. Returnes.

Returne d[illegible] or dayes of Essoyne.	Dayes of Exception.	Returna Brevium.	Dayes of appearance.
Octab. Hill. Jan. 20	Janua. 21	Janu. 22	Janua. 23
Quind. Hill. Jan. 27	Janua. 28	Janu. 29	Janua. 30
Craſt Purif. Feb. 3	Febr. 4	Febr. 5	Febr. 6
Octab. Puri. Feb. 10	Febr. 10	Febr. 11	Febr. 12

Easter Terme beginneth April 22. and endeth May the 18. hath 5. Returnes.

Quind. Paſc. Ap. 20	April 20	April 21	April 22
Treſ. Paſc. Apr. 27	April 28	April 29	April 30
Menſ. Paſc. May 4	May 5	May 6	May 7
Quin. Paſ. Ma. 11	May 11	May 12	May 13
Craſt. Aſce. Ma. 15	May 16	May 17	May 18

Trinity Terme beginneth June the 5. and endeth June the 25. hath 4. Returnes.

Craſt. Trin. Jun. 1	June 2	June 3	June
Octa. Trin. Jun. 8	June 9	June 10	June 11
Quind. Trin. Ju. 15	June 16	June 17	June 18
Tres Trin. Jun. 22	June 23	June 23	June 25

Michaelmas Terme beginneth October the 9 and endeth November the 28. hath 8. Returnes.

Oct. Mich. Octo. 6	Octob. 7	Octob. 8	Octob. 9
Quin. Mich. Oct. 13	14	15	16
Tres Mich. Oct. 20	21	22	23
Men. Mich. Oct. 27	27	29	30
Craſ. Anim. Nov. 3	Nov. 4	Nov. 5	Nov. 6
Craſ. Mar. Nov. 12	13	14	16
Octa. Mar. Nov. 18	19	20	21
Quin. Mar. Nov. 25	26	27	28

The Iudges ſit not at Weſtminſter on theſe dayes.

In Hillary Terme on Candlemas day.
In Eaſter Terme on Aſcenſion day.
In Trinity Terme on Midſomer day.
In Michaelmas Terme on Alhallontid day.

Of the Leape yeare and the cauſe.

Iulius Cæſar in the yeare of the world 1925. which was 45 yeares before Chriſt, well noting the ſeaſons, and inconſtancy of the yeare they then uſed, conſiſting of 365. dayes, by the counſell of *Soſigenes* and other noble Mathematicians, appointed that the yeare ſhould conſiſt of 365. dayes, and 6. houres, ſo that there ſhould be gotten in every 4. yeares 1. day which day being added, maketh 366, as every Leape-yeare is: and it is called *Biſſextile* or Leape-yeare, of *bis* and *ſextus*, for the 6 day before the *Callends* of *March* is twice repeated, which is the 25 of *February*, placed alſo in *February* as well for that is the ſhorteſt Month, as alſo for that, according to our Churches accompt, is the laſt Moneth, ſo that the Letter *F* is twice repeated together, *St. Mathias* day being kept on the latter, *viz.* the 25 day every Leape-yeare, according to this Verſe.

Biſſextum ſextæ martis tenuere Calendæ,
Poſteriore die celebrantur feſta Mathiæ.

A plain and easie Table, shewing the beginning, continuance, and ending of the Reigns of all the Kings and Queens since *William* the Conquerour: with the time since their Reigne ended to this yeere.

The Kings Names.	Began their Reigne.	Reigned yea.	mon.	da.	Since their Reign. ended
William Con.	1066 *Octo.* 14	20	11	22	553 *Sept.* 2
William Ruf.	1087 *Sept.* 9	12	11	18	540 *Aug.* 2
Henry 1	1100 *Aug.* 1	35	4	10	505 *Dec.* 2
Stephen	1135 *Dec.* 2	18	11	19	486 *Octob.* 25
Henry 2	1154 *Octo.* 25	34	9	2	451 *Iuly* 6
Richard 1	1189 *Iuly* 6	9	9	22	441 *April* 6
Iohn	1199 *April* 6	17	7	0	424 *Octob.* 19
Henry 3	1216 *Octo.* 19	56	1	0	368 *Nov.* 16
Edward 1	1272 *Nov.* 16	34	8	9	333 *Iuly* 7
Edward 2	1307 *Iuly* 7	19	7	6	314 *Ian.* 25
Edward 3	1326 *Ian.* 25	50	5	7	263 *Iune* 21
Richard 2	1377 *Iune* 21	22	3	16	241 *Sept.* 29
Henry 4	1399 *Sept.* 29	13	6	5	228 *Marc.* 20
Henry 5	1412 *Mar.* 20	9	5	24	218 *Aug.* 31
Henry 6	1422 *Aug.* 31	38	6	18	179 *Marc.* 4
Edward 4	1460 *Mar.* 4	22	1	8	157 *April* 9
Edward 5	1483 *April* 9	0	2	18	157 *Iune* 22
Richard 3	1483 *Iune* 22	2	2	5	155 *Aug.* 22
Henry 7	1485 *Aug.* 22	23	8	19	131 *April* 22
Henry 8	1509 *Apr.* 22	37	10	1	94 *Ianu.* 28
Edward 6	1546 *Ian.* 28	6	5	19	87 *Iuly* 6
Qu. *Mary*	1553 *Iuly* 6	5	4	22	82 *Nov.* 17
Qu. *Elizab.*	1558 *Nov.* 17	44	4	15	38 *Mar.* 25
K. *Iames*	1602 *Mar.* 24	22	0	3	15 *Mar.* 27
K. *Charles.*	1625 *Mar.* 27	1640. writeth 16.			

Note that each King began his reigne at the same time that the next precedent King ended his.

Tables of Intereſt after 8. in the hundred.

Years	The Increaſe of 1 l. ſtock by Intereſt upon Intreſt at 8. in the hundred.				The Increaſe of 1. l. rent by Intreſt on Intreſt at 8. in the hundred.				The Worth of 1 l. ſtock rebating Intreſt on Intreſt at 8. in the hundred.			The Worth of 1 l. rent Intreſt on both ſides accompted at 8. in hundred.				what rent is worth 1 l. intreſt on intreſt on both ſides accompt. at 8. hund.			
	l.	s.	d.	q	l.	s.	d.	q	s.	d.	q.	l.	s.	d.	q	l.	s.	d.	q
1	1	1	7	0	1	0	0	0	18	6	0	0	18	6	0	1	1	7	0
2	1	3	3	3	2	1	7	0	17	1	3	1	15	7	3	0	11	2	2
3	1	5	2	1	3	4	11	0	15	10	2	2	11	6	2	0	7	9	0
4	1	7	2	2	4	10	1	1	14	8	1	3	6	2	3	0	6	0	1
5	1	9	4	2	5	17	3	3	13	7	1	3	19	10	1	0	5	0	0
6	1	11	8	3	7	6	8	3	12	7	1	4	12	5	1	0	4	3	3
7	1	14	3	1	8	18	5	1	11	8	0	5	4	1	2	0	3	10	0
8	1	17	0	0	10	12	8	3	10	9	2	5	14	11	0	0	3	5	3
9	1	19	1	3	12	9	9	0	10	0	0	6	4	11	1	0	3	2	1
10	2	3	2	0	14	9	8	3	9	3	0	6	14	2	1	0	2	11	3
11	2	6	7	2	16	10	12	3	8	6	3	7	2	9	1	0	2	9	2
12	2	10	4	1	18	19	6	2	7	11	1	7	10	8	2	0	2	7	3
13	2	14	4	2	21	9	10	3	7	4	0	7	18	0	3	0	2	6	1
14	2	18	8	3	24	4	3	2	6	9	2	8	14	10	2	0	2	5	0
15	3	3	5	1	27	3	0	1	6	3	2	8	11	2	1	0	2	4	0
16	3	8	6	0	30	6	5	3	5	10	0	8	17	0	1	0	2	3	0
17	3	14	0	0	33	15	0	0	5	14	3	9	2	5	0	0	2	2	1
18	3	19	11	0	37	9	0	0	5	0	0	9	7	5	1	0	2	1	2
19	4	6	3	3	41	8	11	0	4	7	2	9	12	0	3	0	2	0	3
20	4	13	2	2	45	15	2	3	4	3	1	9	16	4	1	0	0	0	1
21	5	0	8	0	50	8	5	2	3	11	2	10	0	4	0	0	2	11	3
22	5	8	8	2	55	9	1	2	3	8	0	10	4	0	0	0	1	11	2
23	5	17	5	0	60	17	10	1	3	4	3	10	7	4	3	0	1	11	0
24	6	6	9	3	66	15	3	2	3	1	3	10	10	6	3	0	1	10	3
25	6	16	11	2	73	2	1	1	2	11	0	10	13	5	3	0	1	10	1
26	7	7	11	0	79	19	1	0	2	8	1	10	16	2	1	0	1	10	0
27	7	19	9	0	87	7	0	0	2	6	0	10	18	8	1	0	1	9	3
28	8	12	6	2	95	6	9	0	2	3	3	11	1	0	0	0	1	9	2
29	9	6	4	0	103	19	3	3	2	1	3	11	3	1	3	0	1	9	2
30	10	1	3	0	113	5	7	2	1	11	3	11	5	1	3	0	1	9	1
31	10	17	4	0	123	6	11	0	1	10	0	11	6	11	3	0	1	9	0

The Vſe of the Five former Tables.

FOr the Firſt, if you would know to how much 1. l. ſtock amounts at Intreſt upon Intreſt, in any number of yeares not exceeding 31. Seeke the number of yeares in the Firſt Columne towards your left hand, under this word *Yeares*, and directly againſt the ſame you ſhall ſee the *Summe* deſired.

For Example.

TO know unto how much 1 *l.* ſtock amounts at Intreſt upon Intreſt in 21 yeares, looke 21 under the word *Yeares*, and directly againſt it you ſhall ſee 5. *l.* 0. *s.* 8. *d.* which is the *Summe* deſired. Againe, to know how much 10. *l.* ſtock in the ſame time, multiply the ſaid *Summe* by 10. or add the ſame 10 times together, which makes 50. *l.* 6. *s.* 8. *d.* which is alſo the *Summe* deſired. And thus may you worke upon any *Summe* deſired in any of the other 4 Columnes obſerving the manner as before, as the propoſitions nominated in the head of each Columne direct.

There will be 2 Eclipſes of the Sun only this preſent yeare, but neither of them ſeene in our Horizon, or by us here in England.

Ianuary hath xxxj. dayes.

☾ Last quar. the 6. day, neare 10. in m. *seasonable.*
● New Moon 12. day, past 1. after n. *moyst weth.*
☽ First qu. 19. day, neare 8. at night: *winter weth.*
○ Full Moon the 27. day neare 1. morning: *faire.*

Month dayes	Weeke dayes						☉	R	☉	S
1	a	Circumcision.	new ye	19	11	d	8	11	3	49
2	b	Oct. Steph.	guts &	20	12	e	8	12	3	48
3	c	Oct. John	belly	21	13	f	8	13	3	47
4	d	Oct. Innoce.	loynes	22	14	g	8	13	3	47
5	☾	Edw. depos.	loynes	23	15	a	8	13	3	47
6	f	Epiphany.	12. day	☾	16	b	8	13	3	46
7	g	Felix & Jan.	secrets &	25	17	c	8	13	3	46
8	a	Lucian	thighes	26	18	d	8	14	3	45
9	b	Joyce virg.	thighes	27	19	e	8	14	3	45
10	c	Sol in Aqua.	knees	28	20	f	8	14	3	45
11	d	Linus mart.	knees	29	21	g	8	14	3	45
12	☾	Archa. Wed. in	legs	●	22	a	8	14	3	45
13	f	Hillary B.	legs	1	23	b	8	14	3	45
14	g	Maurice	legs	2	24	c	8	14	3	45
15	a	Marcellus	feete	3	25	d	8	14	3	45
16	b	Anthony	feete	4	26	e	8	13	3	45
17	c	Prisca	head &	5	27	f	8	13	3	46
18	d	Felix Bish.	face	6	28	g	8	13	3	46
19	☾	Wolstan	neck	☽	29	a	8	13	3	46
20	f	Octab. Hilla.	neck &	8	30	b	8	13	3	47
21	g	Agnetis	throat	9	31	c	8	13	3	47
22	a	Vincent	armes &	10	1	d	8	13	3	48
23	b	Term. begin.	shoulde.	11	2	e	8	12	3	48
24	c	Timothy	breast	12	3	f	8	12	3	49
25	d	Conv. Paul	breast &	13	4	g	8	11	3	50
26	☾	Policarp.	stomack	14	5	a	8	11	3	51
27	f	Quind. Hill.	heart &	○	6	b	8	11	3	52
28	g	Vallerius	back	16	7	c	8	10	3	53
29	a	Theodore	guts &	17	8	d	8	9	3	54
30	b	Batild Quee	belly	11	9	e	8	8	3	55
31	c	Saturnine	loynes	19	10	f	8	7	3	56

Aron monger

Ianuary hath xxxj. dayes.

Cut Timber, rid Fruit Treesof superfluous branches, uncober the Roots. drench weake and sick cattell, Kine with vertuyce, Horses with water and ground Malt sod with Wzan dig gardens, lib and geld cattell to reare.

			London. at	Full Sea
Ka	1		4	36
4	2		5	24
3	3		6	30
pri	4		7	20
No	5		8	12
8	6		9	0
7	7		10	34
6	8		11	20
5	9		12	24
4	10		1	16
3	11		2	8
pri	12		3	0
Id.	13		3	50
19	14		4	4
18	15		5	32
17	16		6	24
16	17		7	16
15	18		8	8
14	19		9	0
13	20		9	48
12	21		10	34
11	22		11	18
10	23		12	3
9	24		12	46
8	25		1	30
7	26		2	14
6.	27		3	0
5	28		3	50
4	29		4	40
3	30		5	32
pri	31		6	48

February hath xxix. dayes.

☾ Last quart. the 4 day neere 9. in the morn. *inclined to wet*
● New moone the 11 day, at 8. morning *windy and wet.*
☽ First quarter the 18 day, neere 3. aftern. *cold weather.*
○ Full Moone the 25 day, past 10. at night: *seasonable w.*

		Festivall and Law dayes.	Moones place	age ☽	Roma. accom.		Sunne rise		Sunne set	
1	d	Bridget. fast	loynes	20	11	g	7	16	4	48
2	e	Purif. Mary	Candl.	21	12	a	7	14	4	49
3	f	Wanting out	thighs	☾	13	b	7	12	4	51
4	g	Blaise	thighs	23	14	c	7	10	4	52
5	a	Gilbert	thighs	24	15	d	7	8	4	54
6	b	Agathe	knees	25	16	e	7	6	4	56
7	c	Ursula Virg.	knees	26	17	f	7	4	4	58
8	d	Angle Virg.	legs	27	18	g	7	2	5	0
9	e	Sexagesima	legs	28	19	a	7	0	5	2
10	f	Sun in Pisces	Oct. Pur	29	20	b	6	58	5	4
11	g	Euphrosia	feete	●	21	c	6	56	5	6
12	a	Terme ends	head	1	22	d	6	54	5	8
13	b	Wolstan	head &	2	23	e	6	52	5	10
14	c	Vallentine	face	3	24	f	6	50	5	12
15	d	Faustine	neck &	4	25	g	6	48	5	14
16	e	Shrove Sund.	throat	5	26	a	6	46	5	16
17	f	Policron Bp.	armes	6	27	b	6	44	5	18
18	g	Simeon Bp.	armes &	☽	28	c	6	43	5	20
19	a	Ashwensday	shoulder	8	29	d	6	41	5	22
20	b	Sabine Pr.	breast &	9	1	e	6	39	5	24
21	c	69 martyrs	stomack	10	2	f	6	37	5	26
22	d	Peter chayre	heart &	11	3	g	6	35	5	28
23	e	Quadragesi.	back	12	4	a	6	33	5	30
24	f	Theodore fast	guts	13	5	b	6	31	5	32
25	f	S. Mathias	guts &	○	6	b	6	29	5	34
26	g	Emb. weeke	belly	15	7	c	6	27	5	36
27	a	Augustine	loynes	16	8	d	6	27	5	38
28	b	Romane	loynes	17	9	e	6	25	5	39
29	c		secrets	18	10	f	6	23	5	40

A. Baker

February hath xxlx. dayes.

Set quick-sets, plant Vines, Osyars, and Rose-trees, plash hedges, and cast ditches, set Hops, sow Vetches, Pease, Onyons, take heed that you catch no cold, abstaine from Phlegmatick meats; if requisite, bleed, bathe, purge, yet with good advice.

Ka	1	Euery hour is 60 m.	7	10
4	2		8	0
3	3	And	9	52
pri	4	Euery minute is 60 ii seconds	9	44
No	5		10	36
8	6	To Turn Minutes into seconds	11	28
7	7		12	20
6	8	Multiply 60 m by 60 iis seconds	1	10
5	9		2	0
4	10	(wch is a min) & ye Prod. is 3600 ii	3	4
3	11		3	34
pri	12	3600 iis is 1 hour.	3	58
Id.	13	2700 iis is 3 quarters of an hour.	4	3
16	14		5	46
15	15	900 iis is 1 quarter of an hour	6	30
14	16		7	14
13	17	1800 iis is ½ an hour. All	8	0
12	18	wch summs are found to bee	9	40
11	19		9	34
10	20	as they are named aboue.	10	18
9	21		11	3
8	22	by diuiding them by 60m.	12	46
7	23		12	50
6	24	wch is one hour, & by multi=	1	14
5	25	plying ye hours by 60 iis wch	2	0
4	26		3	50
3	27	is one minute.	3	40
2	28		4	31
pri	29		5	32

As many minutes as the Sun riseth before 9, 8, 7, 6, 5, 4.
So many minutes the Sun setteth after 3, 4, 5, 6, 7, 8.

March hath xxxj. dayes.

Last quarter the 4 day, at 5. at night: *cold winter weath.*
New Moone 12 day, at 1. in the afternoon. *cold windes.*
First qu. the 19 day, neere 9. at night: *seasonable. cold w.*
Full Moone 27 day, after 8. in the mor. *windy wether.*

1	D	Dauid Bp.	secrets	19	11	♑	6	21	5	42
2	e	Chadd Bp.	thighes	20	12	a	6	19	5	44
3	f	Maurice	thighes	21	13	b	6	17	5	46
4	g	Adrian	knees	☾	14	c	6	14	5	48
5	a	Eusebius	knees	23	15	d	6	12	5	50
6	b	Victor	legs	24	16	e	6	10	5	52
7	c	Thom. Aqui.	legs	25	17	f	6	8	5	54
8	D	Felix	feete	26	18	♒	6	6	5	56
9	e	40 Martyrs	feete	27	19	a	6	4	5	58
10	f	Scolast. Mir.	feete	28	20	b	6	2	6	0
11	g	Sun in Aries.	head &	29	21	c	6	0	6	2
12	a	Gregory	face	●	22	d	5	58	6	4
13	b	Theodore	neck	2	23	e	5	56	6	6
14	c	Candide	neck &	3	24	f	5	54	6	8
15	D	Mid. Lent Su.	throat	4	25	♓	5	52	6	10
16	e	Boniface	armes &	5	26	a	5	50	6	12
17	f	St. Patrick	should	6	27	b	5	48	6	14
18	g	Cuthbert	breast	7	28	c	5	46	6	16
19	a	Ios. Ma. hu.	breast &	☽	29	d	5	44	6	18
20	b	Gilbert	stomack	8	30	e	5	42	6	20
21	c	Benedict.	heart &	9	31	f	5	40	6	22
22	D	Fradose	back	10	1	♈	5	38	6	24
23	e	Theodore	guts &	11	2	a	5	36	6	26
24	f	In Reg. Iafall	belly	12	3	b	5	34	6	28
25	g	Annun. Ma.	loynes	13	4	c	5	32	6	30
26	a	Castor Mar.	loynes	14	5	d	5	30	6	32
27	b	Init. R. Car.	secrets	♋	6	e	5	28	6	34
28	c	Dorothy	secrets	16	7	f	5	26	6	36
29	D	Palm Sunday	thighs	17	8	♉	5	24	6	38
30	e	Quirine	thighs	18	9	a	5	22	6	40
31	f	Iocine	knees	19	10	b	5	20	6	42

1 March.

March hath xxxi. dayes.

Graft trees, and cober them that were uncobred, in December & January with ranke earth, Sow peaſe, beanes, parſnips, oates and onyons, artichoks cowcumbers, millions, ſage. And let blood according to youth, and ſtrength of the patient.

Ka	1			6	24
6	2			7	10
5	3			8	8
4	4			9	0
3	5			9	50
ri	6			10	40
No	7			11	32
8	8			12	24
7	9			1	16
6	10			2	8
5	11			3	0
4	12			3	32
3	13			4	44
pr	14			5	36
Id.	15			6	28
17	16			7	20
16	17			8	10
15	18			9	0
14	19			9	48
13	20			10	34
12	21			11	20
11	22			12	2
10	23			12	46
9	24			1	30
8	25			2	15
7	26			3	0
6	27			4	52
5	28			5	44
4	29			4	36
3	30			6	25
pir	31			7	20

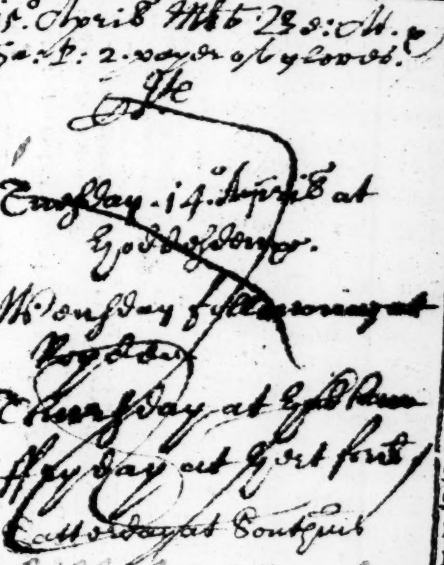
Aprill hath xxx. dayes.

☾ Last quarter the 4 day, past 3. at noone : *like to rayne.*
● New Moone the 11 day, past 4. afternoone : *faire weath.*
☽ First quart. the 11 day, neere midnight : *Sun-shine.*
○ Full Moone the 25 day, neere 6 at night : *some showers.*

1	g	Theodore	knees	20	11	c	5	18	6	44
2	a	Mary Egypt	legs	21	12	d	5	16	6	46
3	b	Richa. Bish.	legs	22	13	e	5	15	6	48
4	c	Isidor Mart.	legs	☾	14	f	5	13	6	50
5	D	Easter day	feete	24	15	G	5	11	6	52
6	e	Sextus Mar.	feete	25	16	a	5	9	6	54
7	f	Euphemia	head ♈	26	17	b	5	7	6	56
8	g	Perpetuus	face	27	18	c	5	5	6	58
9	a	7 Virgins	neck	28	19	d	5	3	7	0
10	b	Sun in Taur.	neck ♈	29	20	e	5	1	7	2
11	c	Leo pap.	throat	●	21	f	5	0	7	4
12	D	Low Sunday	armes ♈	1	22	G	4	58	7	5
13	e	Wedding in	shoulders	2	23	a	4	56	7	7
14	f	Valeria	breast	3	24	b	4	54	7	9
15	g	Leonard	breast ♈	4	25	c	4	52	7	11
16	a	Isidore	stomack	5	26	d	4	50	7	13
17	b	Tolmy	heart ♈	6	27	e	4	49	7	15
18	c	Eutherius	back	☽	28	f	4	48	7	16
19	D	Tiphage	2 S. Ea.	8	29	G	4	46	7	18
20	e	Vidor	Quin. P.	9	30	a	4	44	7	20
21	f	Simon Bp.	belly	10	1	b	4	42	7	22
22	g	Term. begin.	loynes	11	2	c	4	40	7	24
23	a	St. George	loynes	12	3	d	4	38	7	26
24	b	Willfrid	secret ♈	13	4	e	4	36	7	27
25	c	St. Marks	bladder	♋	5	f	4	34	7	29
26	D	Eleie Bishop	3 S. Ea.	15		G	4	32	7	31
27	e	Anastatius	Tr. Pas.	16	7	a	4	30	7	32
28	f	Vitalis	thighs	17	8 9	b	4	28	7	34
29	g	Peter	knees	18	9	c	4	26	7	36
30	a	Erkinwald	legs	19	10	d	4	24	7	37

Now teach hops to climbe, sow all manner of fine seeds and herbs, set stills at worke, stirr land for wheat, cut off superfluous branches, take the pleasure of the fields, eate sage and sweet butter, and drinke clarified whey.

Ka	1
4	2
3	3
pri	4
No	5
8	6
7	7
6	8
5	9
4	10
3	11
pri	12
ld.	13
18	14
17	15
16	16
15	17
14	18
13	19
12	20
11	21
10	22
9	23
8	24
7	25
6	26
5	27
4	28
3	29
pri	30



1	10
9	0
9	50
10	40
11	32
12	24
1	16
2	8
3	0
3	44
4	28
5	12
5	56
6	40
7	24
8	12
9	0
9	48
10	34
11	23
12	2
12	46
1	30
2	16
3	0
3	0
4	0
5	0
5	0
6	0
7	0
8	0

To find by ☾ Or setting, ☾ Or Rising, & by ☾ Or Rising, ☾ Or setting.

Take 6 h. & 44 m. ☾ Or setting from 12 h. & 60 m. & ☾ Remainder is ☾ Or Rising, hour 5 h. 16.

Again. Take 5 h. 16 m. ☾ Or Rising out of all hours & ☾ Remainder is ☾ Or setting. to wit, 6 h. & 44 m.

May hath xxxj. dayes.

☾ Last quar. the 3 day, neere 2. in the mor. *windy & wet.*
● New Moon the 11 day, after 6. in the mor. *variabl y incl.*
☽ First qnarter the 18 day, about high noon: *coole comf. w.*
● Full Moon the 25 day, past 4 in the morn. *seasonable wea.*

1	b	Phill. & Iacob	Mayda	20	11	e	7	24	7	39
2	c	Athanasius	feete	21	12	f	7	23	7	40
3	D	4 Sund. Easter	feete	☾	13	G	7	21	7	42
4	e	Mens. Pasch.	head	23	14	a	7	20	7	43
5	f	Gothardus	head &	24	15	b	7	18	7	45
6	g	Ioh. Port. lat	face	25	16	c	7	17	7	46
7	a	Joh. Beverly	neck &	26	17	d	7	15	7	49
8	b	Wicha mart.	throat	27	18	e	7	14	7	40
9	c	Nicholas	armes	28	19	f	7	12	7	52
10	D	Wedding out	Roga. S.	29	20	G	7	11	7	5
11	e	Sun in Gem.	Qua. Pas.	●	21	a	7	10	7	53
12	f	Pancratius	breast, &	1	22	b	7	9	7	54
13	g	Ilbot Mar.	stomack	2	23	c	7	8	7	56
14	a	Ascention da.	heart	3	24	d	7	7	7	57
15	b	Const. Asceu.	heart	4	25	e	7	6	7	58
16	c	Brandon	back	5	26	f	7	3	7	59
17	D	5 Sund. Easter	guts &	6	27	G	7	1	8	1
18	e	Terme ends	belly	☽	28	a	7	0	8	2
19	f	Bernardin	loynes	9	29	b	7	58	8	3
20	g	Helen Quee.	loynes	10	30	c	8	57	8	4
21	a	Julian	secrets &	11	1	d	8	56	8	5
22	b	Desider.	bladder	12	2	e	8	55	8	6
23	c	Transl. Fran.	thighs	13	3	f	8	54	8	7
24	D	Whitsunday	Pentec.	●	4	G	8	53	8	8
25	e	Urbane	knees	15	5	a	8	52	8	9
26	f	Augustine	legs	16	6	b	8	52	8	9
27	g	Ember week	legs	17	7	c	8	52	8	10
28	a	Chron Mar.	legs	18	8	d	8	51	8	11
29	b	Felix Pope	feete	19	9	e	8	51	8	11
30	c	Petronely	feete	20	10	f	8	51	8	12
31	D	Trinity Sund.	Wed. in	20	11	G	8	51	8	13

A Calendar

Stir land for Wheat and Rye, set stills on worke, & use May dew with them, make May butter, rise early in the end of this moneth oates begin to blossom, which shewes much Tallow & frutt to follow. A cold May prebents a fat Church-yard.

Ka	1			9	0	
	2	Subpœna ad hort Hra.		9	48	
	3	Christi[n]a ad Edward		10	34	
	4	Alphus ad hil Johnny		11	20	
	5	Hilla Clerici Gunsfint		11	2	
ri	6	Hill. et Jane Low Hill		12	46	
No	7	Hill. Edw. bound Ho.		1	30	
	8	Hill. de Gunston ux.		2	15	
	9	Dow & Hertford def.		2	30	
	10			3	0	
	11			3	44	
	12			4	28	
	13			5	12	
ri	14			5	56	
d.	15			6	40	
7	16	Jan. 11. V. 29	Dec. 2. V. 29.	7	24	
6	17			8	12	
5	18	Feb. 10 V 29		9	0	
4	19			9	50	
3	20	Mar. 11 V 29		10	40	
2	21			11	32	
1	22	Apr. 10 V 29		12	24	
0	23	May 10. V 29	Vs Aye.	1	16	
9	24	Jun. 8 V 28	Note, in Jan. Feb.	2	8	
8	25	July 8 V 29	Mar. Apr. May &	3	0	
7	26		June Changeth after	3	52	
6	27	Aug 6 V 28	29. And in June	4	44	
	28	Sept 4 V 28	after 28. And in	5	36	
	29			6	28	
	30	Oct 4 V 29	July after 29. And	7	20	
ri	31	Nov 2 V 28		8	10	

And in Aug. & Sept after 28. And in Oct. after 29.
And in Jan. after 28. And in Dec. after 29.

Iune hath xxx dayes.

☾ Last qua. the 2 day about high Noon: *seasonable weath*
● New Moon the 9 day about 5 afternoon: *temperat.*
☽ First qua. the 16 day about midnight: *clowdy weather*
○ Full Moon the 23. day, past 4.. aft. noon: *windy weath*

1	e	Cras Trin t.	head &	21	11	a	3	49	8	1
2	f	Marceline	face	☾	12	b	3	49	8	1
3	g	Erasmus	neck &	23	13	c	3	49	8	1
4	a	Corp. Christ.	throat	24	14	d	3	48	8	1
5	b	Term begin	armes	25	15	e	3	48	8	1
6	c	Claudius	armes &	26	16	f	3	48	8	1
7	D	1 Sun. Trin.	should.	27	17	G	3	48	8	1
8	e	Octab. Trin.	breast &	28	18	a	3	48	8	1
9	f	Felician	stomac.	●	19	b	3	47	8	1
10	g	Getuli	heart &	1	20	c	3	47	8	1
11	a	Barnaby	back	2	21	d	3	47	8	1
12	b	Sun in Canc	guts &	3	22	e	3	47	8	1
13	c	Anthony	belly	4	23	f	3	47	8	1
14	D	2 Sun. Tri	loynes	5	24	G	3	47	8	1
15	e	Quind Trini.	loynes	6	25	a	3	47	8	1
16	f	Trans. Ri.	secrets &	☽	26	b	3	48	8	1
17	g	Botolph. B.	bladder.	8	27	c	3	48	8	1
18	a	Modestus	thighes	9	28	d	3	48	8	1
19	b	Marceline	thighes	10	29	e	3	48	8	1
20	c	Gervase	knees	11	30	f	3	49	8	1
21	D	3 Sund. Trin.	knees	12	1	G	3	49	8	1
22	e	tres Trinitat.	legs	13	2	a	3	49	8	1
23	f	Etheld Fast	legs	○	3	b	3	49	8	1
24	g	St. Jo. Ba.	Midso.	15	4	c	3	50	8	1
25	a	Terme ends	feete	16	5	d	3	51	8	1
26	b	Eleg. trans.	feete	17	6	e	3	52	8	
27	c	Joh. mar F.	feete	18	7	f	3	53	8	
28	D	4 Sund. Trin.	head	19	8	G	3	53	8	
29	e	St. Peter	head &	20	9	a	3	54	8	
30	f	Con. Paul	face	21	10	b	3	55	8	

Set Gilly-flowers, Rosemary sow Lettuce, which is also good until September, sheare sheep, fetch home fuell, and towards the end of the month begin to mow, according to the old Proverb,

Make hay while the Sunne doth shine.

1	Ka		9	0	
2	4		9	50	
3	3		10	40	
4	pri		11	32	
5	No		12	24	
6	8		1	16	
7	7		2	8	
8	6		3	0	
9	5		3	44	
10	4		4	28	
11	3	Seruientes Jur ii. Junij	5	12	
12	pri	Fest. Seruient solempnis	5	56	
13	Id.		6	40	
14	18	16. Junij.	7	24	
15	17		8	12	
16	16		9	0	
17	15		9	50	
18	14		10	40	
19	13		11	32	
20	12		12	24	
21	11		1	16	
22	10		2	8	
23	9		3	0	
24	8		3	52	
25	7		4	44	
26	6		5	36	
27	5		6	28	
28	4		7	20	
29	3		8	12	
30	Pri		9	0	

☾ Last quar. the 1. day neere 1 in the morn. *coole & comf.*
● New Moon the 9. day, past 5. at night: *hot & soultry w.*
☽ First qu. the 16. day neere high n. : *some wind & wet.*
○ Full Moon the 23 day, 7. in the m. *windy hot close weath.*
☾ Last qu. the last day, at 4. in the after n. *faire weather.*

1	g	Rumoldus.	neck &	☾	11	c	3	55	8	5
2	a	Visit. Mary	throate	23	12	d	3	56	8	4
3	b	Transf. Thy.	armes &	24	13	e	3	57	8	3
4	c	Mart. Tran.	shoulde.	25	14	f	3	58	8	2
5	d	5 Sund. Trin.	breast	26	15		4	0	8	1
6	e	Oct. of Pet.	breast &	27	16	a	4	1	8	0
7	f	Anselm	stomach	28	17	b	4	2	7	59
8	g	Gzim. depo.	heart &	29	18	c	4	3	7	58
9	a	Cyrill	back	●	19	d	4	4	7	57
10	b	7 Brethren	guts &	1	20	e	4	6	7	56
11	c	Benedict	belly	2	21	f	4	7	7	55
12	d	6 Sun. Trin.	loynes	3	22		4	8	7	54
13	e		loynes	4	23	a	4	9	7	53
14	f	Bonaventure	loynes	5	24	b	4	10	7	52
15	g	Swithen	secrets &	6	25	c	4	11	7	50
16	a	Osmond	bladder		26	d	4	12	7	49
17	b	Kenelme	thighes	8	27	e	4	14	7	48
18	c	Arnulph	thighes	9	28	f	4	15	7	46
19	d		7 S. Tr.	10	29		4	17	7	44
20	e	Margaret	knees	11	30	a	4	18	7	43
21	f	Praxad virg.	knees	12	31	b	4	20	7	41
22	g	Mary Mag.	legs	13	1	c	4	21	7	40
23	a	Apoline	legs		2	d	4	22	7	38
24	b	Christina.	feete	15	3	e	4	24	7	37
25	c		feete	16	4	f	4	26	7	36
26	d	8 Sund. Trin.	head &	17	5		4	28	7	35
27	e	Anim. Mar.	face	18	6	a	4	30	7	34
28	f	7 Sleepers	neck &	19	7	b	4	32	7	33
29	g	Sampson	throate	20	8	c	4	34	7	31
30	a	Abdon Mar.	armes &	21	9	d	4	36	7	29
31	b	Germane	shoulder	☾	10	e	4	38	7	27

At full Moone gather flowers and seedes, rather dry them in the shade than in the Sunne, but first let the Sunn shine on them.

Labour in Summer, take paines with the Ant,
Else in the Winter live poore and in want.

K	1	Walthamstowe Poets	9	48
	2	on Tuesday 7.° Jul.	10	34
	3	me. A. Et. Ypo 3.° Kmus	11	20
	4	mensis. & Rest - 242.4.°	12	2
	5	in money.	12	46
ri	6		1	30
o	7		2	15
	8		3	0
	9		3	44
	10		4	28
	11		5	12
	12		5	56
	13		6	40
ri	14		7	24
d.	15		8	12
7	16		9	0
6	17		9	50
5	18		10	40
4	19		11	32
3	20		12	24
2	21		1	16
1	22		2	8
0	23		3	0
	24		3	52
	25		4	44
	26		5	36
	27		6	28
	28		7	10
	29		8	20
	30		9	0
ri	31		9	48

Auguſt hath xxxj. dayes.

New Moon the 7 day neere 10 mor: *moyſture. threatne*
First quar. the 14 day at high noone: *cloſe hot weathe*
Full Mo. the 21 day, paſt 3 afternoon: *variably inclined.*
Laſt quar. the 29 day, paſt 4 in the morn. *faire weather*

1	c	Lammas day.	ſhoulde.	23	11	f	4	39	7	2
2	D	9 Sund. Trin.	neck &	24	12	g	4	40	7	2
3	e	Stephen	throat	25	13	a	4	42	7	1
4	f	Dominick	heart &	26	14	b	4	44	7	1
5	g	Gowz. Conf	back	27	15	c	4	46	7	1
6	a	Tranſ. Dom.	guts	28	16	d	4	48	7	1
7	b	Romanum	guts &	●	17	e	4	50	7	1
8	c	Feſt. Je.	belly	1	18	f	4	51	7	
9	D	10 Sun. Trin.	loynes	2	19	g	4	53	7	
10	e	Cyriack	loynes	3	20	a	4	55	7	
11	f	Lawrence	ſecrets &	4	21	b	4	57	7	
12	g	Tiburt	bladder	5	22	c	4	59	7	
13	a	Sun in Virgo.	knees	6	23	d	5	1	7	
14	b	Clare Virgi.	knees	☽	24	e	5	2	6	5
15	c	Euſebius	legs	8	25	f	5	3	6	5
16	D	11 Sund. Tri.	legs	9	26	g	5	5	6	5
17	e	Oct. Laure.	feete	10	27	a	5	7	6	5
18	f	Agapite	feete	11	28	b	5	9	6	5
19	g	Magnus	feete	12	29	c	5	11	6	5
20	a	Lewis	head &	13	30	d	5	13	6	4
21	b	Bernard	face	●	31	e	5	15	6	4
22	c	Timothy faſt	neck	15	1	f	5	16	6	4
23	D	12 Sund. Trin.	neck &	16	2	g	5	18	6	4
24	e	St. Barthol.	throat	17	3	a	5	20	6	4
25	f	Lew. K. fra.	armes	18	4	b	5	22	6	3
26	g	Ruffinus	armes &	19	5	c	5	24	6	3
27	a	Zepheztin	ſhoulder	20	6	d	5	26	6	3
28	b	Auguſtin	breaſt &	21	7	e	5	28	6	3
29	c	Dog da. end.	ſtomac.	☾	8	f	5	30	6	3
30	D	13. Sun. Trin.	heart &	23	9	g	5	32	6	2
31	e	Felix Prieſt	back	24	10	a	5	34	6	2

A Surgon

Auguſt hath xxxi dayes.

Reap Wheat and Rye, ſow winter hearbs in the new Moon, ſtir land for wheat and Rye, about theend of the month down with Oats if the ſoyle bee good, and now carefully prouide againſt the cold winter.

1	Ka	10 34
2	6	11 20
3	5	12 2
4	4	12 46
5	3	1 30
6	Pri	2 15
7	No	3 0
8	8	3 52
9	7	4 44
10	6	5 36
11	5	6 28
12	4	7 20
13	3	8 10
14	pri	9 0
15	Id.	9 50
16	17	10 40
17	16	11 32
18	15	12 24
19	14	1 16
20	13	2 8
21	12	3 0
22	11	3 52
23	10	4 44
24	9	5 36
25	8	6 28
26	7	7 02
27	6	8 10
28	5	9 0
29	4	9 48
30	3	10 34
31	pri	11 20

● New Moon the 5 day, at 6. at night : *dry weather.*
☽ First qu. the 13 day, neere 2 in the mor. *inconstant weath*
○ Full Moon the 20 day, after 2 in the aftern. *temperat w*
☾ Last quart. the 27 day, about 9. at night : *faire weathe*

1	f	Giles Abb.	heart ♐	25	11	b	5	36	5	2
2	g	Anthony	back	26	12	c	5	38	6	2
3	a	Gregory	guts ♐	27	13	d	5	40	6	2
4	b	Transl. C●	belly	28	14	e	5	42	6	1
5	c	Bertine	loynes	●	15	f	5	44	5	1
6	D	14 Sund. trin.	loynes	1	16	♋	5	46	5	1
7	e	Elizab. borne	secrets ♐	2	17	a	5	48	5	1
8	f	Nat. Mary	bladder	3	18	b	5	51	6	1
9	g	Hilbius	thighes	4	19	c	5	53	5	
10	a	Dorothy	thighes	5	20	d	5	55	5	
11	b	Martian	knees	6	21	e	5	57	5	
12	c	Guido	knees	7	22	f	5	58	5	
13	D									
14	e		15 S. Tr.	☽	23	♋	6	0	5	
15	f	Holy Roode	legs	9	24	a	6	2	5	58
16	g	Nicholas	legs	10	25	b	6	4	5	56
17	a		feete	11	26	c	6	6	5	54
18	b	Lambert	feete	12	27	d	6	8	5	52
19	c	Victorius	head ♐	13	28	e	6	10	5	50
20	D	Eustace	face	14	29	f	6	12	5	48
21	e	Ord. Minist.	16 S. Tr.	♋	30	♋	6	14	5	46
22	f		neck ♐	16	1	a	6	17	5	44
23	g	Victorin.	throate	17	2	b	6	19	5	42
24	a	Tecla Virg.	armes ♐	18	3	c	6	21	5	40
25	b	Andoche	shoulder	19	4	d	6	23	5	38
26	c	Firmine	breast	20	5	e	6	25	5	36
27	D	Cyprian	breast ♐	21	6	f	6	27	5	34
28	e	17 Sund. Trin.	stomac.	☾	7	♋	6	25	5	32
29	f	Exupe	hart ♐	23	8	a	6	31	5	30
30	g		back	24	9	b	6	33	5	28
		Hierom Pr.	guts	25	10	c	6	35	5	26

Cut downe your Lent-tilling, gather your fruit of your trees converting them best to use, as Crabs for verjuyce: I need not teach the laborious husbandman in this, &c. about the midst of the month sow Wheat and Rye.

Ka	1		12 2
4	2		12 46
3	3		1 30
pri	4		2 15
No	5		3 0
8	6		4 28
7	7		5 12
6	8		5 56
5	9		6 40
4	10		7 24
3	11		8 12
pri	12		9 0
Id.	13		10 0
18	14		11 0
17	15		12 0
16	16		1 0
15	17		2 0
14	18		2 30
13	19		3 0
12	20		3 50
11	21		4 28
10	22		5 12
9	23		5 56
8	24		6 4
7	25		7 24
6	26		8 12
5	27		9 0
4	28		10 34
3	29		11 20
pri	30		12 20

October hath xxxj dayes.

● New Moon the 5 day, about 2 morning: *like to raine.*
☽ First qua. the 12. day neere 10. morning: *windy weather*
● Full Moon the 20 day at 5 in the morn. *windy cold wea.*
☾ Last quar. the 28 day, at 2. afternoon: *seasonable weath.*

1	a	Remigius	belly	26	11	d	6	37	5	24
2	b	Leodegarius	loynes	27	12	e	6	39	5	22
3	c	Candide	loynes	28	13	f	6	41	5	20
4	D	18 Sun. Trin	secrets	29	14	G	6	43	5	19
5	e	K.C.fro. Spai.	secrets	●	15	a	6	44	5	16
6	f	Octab. Mich.	bladder	1	16	b	6	46	5	14
7	g	Faith virg.	thighs	2	17	c	6	50	5	12
8	a	Pellagius	thighs	3	18	d	6	52	5	10
9	b	Cermē beg.	knees	4	19	e	6	54	5	8
10	c	Gereon	knees	5	20	f	6	56	5	6
11	D	19 Sund. Tri.	legs	6	21	G	6	58	5	4
12	e	Nicasius	legs	☽	22	a	6	59	5	2
13	f	Sun in Scorp.	Qu. Mi.	8	23	b	7	0	5	0
14	g	Wolfran	feete	9	24	c	7	1	4	59
15	a	Michanon	head &	10	25	d	7	2	4	57
16	b	Edith	face	11	16	e	7	4	4	55
17	c	Ethel.	face	12	27	f	7	6	4	53
18	D	St. Luke	20 S.T.	13	28	G	7	8	4	51
19	e	Fridesweede.	neck &	14	29	a	7	10	4	49
20	f	tres Mich.	throate	●	30	b	7	11	4	47
21	g	Sindulphus.	armes &	16	31	c	7	13	4	45
22	a	Mary Sa.	shoulde.	17	1	d	7	15	4	43
23	b	Maglory	breast	18	2	e	7	17	4	41
24	c	Cris. & Cris.	breast &	19	3	f	7	19	4	39
25	D	21 Sund. Tri.	stomac.	20	4	G	7	21	4	38
26	e	John trans.	heart &	21	5	a	7	22	4	36
27	f	Men. mi Fast	back	22	6	b	7	24	4	34
28	g	Sim. & Jud.	guts &	☾	7	c	7	26	4	32
29	a	Narcissus	belly	24	8	d	7	28	4	30
30	b	Germane	loynes	25	9	e	7	30	4	28
31	c	Quintil. Fast	loynes	26	10	f	7	32	4	27

A woollen Dayper

October hath xxxj. dayes.

Sow Wheat and Rye early for feare of raine, th new Moon is a fit time to remove young trees, as Plums, Peares, Apples, but after full Moone, to gather winter fruits, cut downe your Rose trees once in 2 yeeres. (go warme.)

1	Ka	Flanished Porte 1. Octob.	12	46
2	6	~~[illegible]~~ att 9. of the Clocke	1	30
3	5	Rynelle 2. do Octob. at 7.	2	15
4	4	of the Clocke,	3	0
5	3	Markyate at 2. do Octob. att	3	52
6	pri	8. of the Clocke.	4	44
7	No	Humbershoe. 2. do Octob.	5	36
8	8	att. 8. of the Clocke.	6	28
9	7	Tewen and Wimondley	7	20
10	6	bury 6. Octob.	8	10
11	5		9	0
12	4		9	50
13	3		10	40
14	pri		11	32
15	Id.		12	24
16	17		1	16
17	16		2	8
18	15		3	0
19	14		3	44
20	13		4	28
21	12		5	12
22	11		5	56
23	10		6	40
24	9		7	24
25	8		8	12
26	7		8	30
27	6		9	0
28	5		9	50
29	4		10	40
30	3		11	32
31	pri		12	24

November hath xxx. dayes.

● New Moon the 3 day, after high noone: *fitting the seas.*
☽ First qu. the 11 day, past 7. at night: *wind inclind to w.*
○ Full Moon the 19 day, after high noone: *variable weath.*
☾ Last quar. the 26 day, neere 8. at night: *cold weather.*

1	D	All Saints	22 S. T.	27	11	G	7	34	4	25
2	e	All Soules	bladder	28	12	a	7	36	4	24
3	f	Crast. Anim.	thighes	●	13	b	7	38	4	22
4	g	Vitalis	thighes	1	14	c	7	40	4	21
5	a	Cathb. treasu.	thighes	2	15	d	7	42	4	19
6	b	Bernard	knees	3	16	e	7	43	4	17
7	c	Wildebrood	knees	4	17	f	7	44	4	16
8	D	23 Sun. Trin.	legs	5	18	G	7	46	4	15
9	e	Theodore	legs	6	19	a	7	47	4	14
10	f	Triphan	feete	7	20	b	7	49	4	12
11	g	Martin Bish.	feete		21	c	7	50	4	11
12	a	Crast. Mart.	Sun. Sa.	9	22	d	7	52	4	9
13	b	Brice	head	10	23	e	7	53	4	7
14	c	Jucandus	neck &	11	24	f	7	54	4	6
15	D	24 Sun. Trin.	throate	12	25	G	7	55	4	5
16	e	Edmund dep.	armes &	13	26	a	7	57	4	3
17	f	Hugonius	shoulde.	14	27	b	7	58	4	2
18	g	Octab. Mart.	breast &	15	28	c	7	59	4	1
19	a	King Ch. borne	stomac.	B	29	d	8	0	3	59
20	b	Edward Kin.	heart	17	30	e	8	1	3	58
21	c	Pref of ma.	heart &	18	1	f	8	3	3	57
22	D	25 Sund. trin.	back	19	2	G	8	4	3	56
23	e	Clement	guts &	20	3	a	8	5	3	55
24	f	Katherine	belly	21	4	b	8	6	3	54
25	g	Quind. mart.	loynes	22	5	c	8	7	3	53
26	a	Chrisogon	loynes	☾	6	d	8	8	3	52
27	b	Agricola	secrets	24	7	e	8	8	3	51
28	c	Terme ends	secrets	25	8	f	8	9	3	50
29	D	Advent sund.	wed out	26	9	G	8	10	3	49
30	e	S. Andrew	thighes	27	10	a	8	11	3	49

Linen Sroper

Make Malt, kill Swine for Bacon set Crabtrees stocks, remove trees in the midst of the moneth in the increase, In the wane sow Beanes, Pease, Pulse, uncover roots of Appletrees, and so let them lie untill March following.

Ka	1	1	16
4	2	2	8
3	3	3	●
pri	4	3	52
No	5	4	44
8	6	5	36
7	7	6	28
6	8	7	20
5	9	8	10
4	10	9	0
3	11	9	48
pri	12	10	34
Id.	13	11	20
18	14	12	2
17	15	12	46
16	16	1	30
15	17	2	15
14	18	3	0
13	19	3	44
12	20	4	28
11	21	5	12
10	22	5	56
9	23	6	40
8	24	7	24
7	25	8	12
6	26	9	0
5	27	9	50
4	28	10	40
3	29	11	32
pri	30	12	24

December hath xxxj dayes.

● New Moon the 3 day after high noon: *cold weather.*
☽ First qu. the 10. day about 8 at night: *fayre weather.*
● Ful Moon the 18 day, after 3 afternoon: *wet winter like.*
☾ Last quar. the 25 day after 10 at night: : *windy wet.*

1	f	Eligius	thighes	28	11	b	8	11	3	48
2	g	Candle	knees	29	12	c	8	12	3	48
3	a	Taſſianus	knees	●	13	d	8	12	3	47
4	b	Barbara	legs	1	14	e	8	13	3	47
5	c	Sabba Bish.	legs	2	15	f	8	13	3	46
6	D	2 Sund. Adv.	legs	3	16	G	8	13	3	46
7	e	Ambroſe	feete	4	17	a	8	13	3	46
8	f	Con. of Ma.	feete	5	18	b	8	13	3	45
9	g	Cipzian	head &	6	19	c	8	14	3	45
10	a	Eulaly	face	☽	20	d	8	14	3	45
11	b	Damaſus Bi.	neck &	8	21	e	8	14	3	45
12	c	Sun in Capr.	thzoat	9	22	f	8	14	3	45
13	D	3 Sund. Adve.	Lucy vi.	10	23	G	8	14	3	45
14	e	Nallertan	armes &	11	24	a	8	14	3	45
15	f	Nicaſius	ſhoulde.	12	25	b	8	14	3	45
16	g	Ember Week.	bzeaſt	13	26	c	8	13	3	45
17	a	Laſacus	bzeaſt &	14	27	d	8	13	3	46
18	b	Victoz	ſtomack	●	28	e	8	13	3	46
19	c	Nemeſ. mar.	heart	16	29	f	8	13	3	46
20	D	4 Sund. in Ad.	Ord. mi.	17	30	G	8	12	3	47
21	e	Julian: Faſt	guts &	18	31	a	8	12	3	47
22	f	St. Tho. Ap.	belly	19	1	b	8	11	3	48
23	g	30. Mart.	loynes	20	2	c	8	10	3	48
24	a	Victo Faſt	loynes	21	3	d	8	9	3	49
25	b	Chriſtm. day	loynes	☾	4	e	8	8	3	50
26	c	St. Steph.	ſecrets &	23	5	f	8	8	3	51
27	D	St. John	bladder	24	6	G	8	7	3	52
28	e	Innocents	thighes	25	7	a	8	7	3	53
29	f	Marciſſus	thighes	26	8	b	8	6	3	54
30	g	James	knees	27	9	c	8	6	3	55
31	a	Silveſter	knees	28	10	d	8	5	3	56

December hath xxxj. dayes.

Fell timber, uncover roots of apple trees, fallow land for barley, set pease and beanes if the weather be not too hard, now let fire be thy bath, thy kitchin thy Apothecaries shop, warme meat thy diet and feast thy poore neighbours.

1	Ka	Ds Chang.	Jan. 12		1	16
2	4	Ds Chang.	Feb. 11		2	8
3	3	Ds Chang.	Mar. 12		3	0
4	pri	Ds Chang.	Apr. 11		3	52
5	No	Ds Chang.	May 11		4	44
6	8	Ds Chang.	Jun. 9		5	36
7	7	Ds Chang.	July 9	1640	6	28
8	6	Ds Chang.	Aug. 7		7	20
9	5	Ds Chang.	Sept 5		8	10
10	4	Ds Chang.	Octob. 5		9	0
11	3	Ds Chang.	Nou: 3		9	50
12	pri	Ds Chang.	Decem. 3.		10	40
13	Id.				11	32
14	19				12	24
15	18				1	16
16	17				2	8
17	16				3	0
18	15				3	44
19	14				4	20
20	13				5	12
21	12				5	56
22	11				6	40
33	10				7	24
24	9				8	12
25	8				9	0
26	7				9	50
27	6				10	40
28	5				11	32
29	4				12	24
30	3				1	16
31	pri				2	8

Add 15 to ye Chang. & it shews ye Full.
Add 7.d 9h. to ye Chang. & it shews ye ☽ — 5 56 it qua
Add 7.d 9h to ye Full, & it shews ye C — 6 40 it qua
ter ye Full

To see wat her Age wanteth of 30. af=
The Meaning of it is this. Suppose
her Age to be 16 dayes old; then
see how much this 16 wanteth of 30
wch is 14. This multiply by 4 & part by

5, & ye quotient sheweth ye Numb. of Hours she shineth after ☉ Set, or before ☉ Rising.

A true Computation of memorable times.

From the Creation to Noahs floud	1659
From the Flood to *Abraham*	355
From *Abrahams* death to *Terahs* death	78
From *Terahs* death to *Israels* delivery	433
From that time till *Salomons* Temple	483
From building the Temple untill Christ	1031
From the Creation to this yeares end	5589
The Destruction of *Troy*	2822
Brute entred the Iland of Brittain	2747
The Building of Rome	2391
The Captivity of Babylon	2278
The Desolation of the Temple of *Salomon*	2245
Ierusalem utterly destroyed by *Titus*	1557
England first received the Christian faith	1457
England was first made a Monarchy Egyricus	838
Duke William Conquered England	574
The Building of Westminster Hall (stone.	540
The First Mayor of Lond. & building bridg with	449
The Vse of Gunes in *Almaine*	259
Printing of Bookes in *Germany*	180
The Generall earthquake in England April the 6.	60
The Camp at Tilbury on St. *Iames* day	52
The Birth of our gratious King *Charles* Novemb. 19	40
Prince *Henry* departed this life Novemb. 6.	28
The Powder Treason November the 5.	35
The Marriage of the Palsgrave & the Lady. Feb. 14.	27
The new River brought to London finished	27
The last blasing Starr November the 17	22
Prince *Charles* borne May the 29	10
K. Charles his returne from Spaine Octob. 5.	18
The Last great Plague died in Lon. of all diseases 54265 of the Plague 35417	15
Our gratious *K. Charles* writes after March 27.	16

Since

Thomas Langley his Prognostication for this present yeare of our Lord God, 1640.

Winter Quarter.

Winter, the first Quarter Astronomicall by the course of the Sun, beginneth at his entrance into Capricorne, during untill he hath get to the latter part of Pisces, being the coldest ns of the yeare, the colder and dryer the more Wholesome; yet over much cold killeth trees in a warme Region. A warme and moist winter is unwholsome, and enemy to Husbandmen, but reasonable store of snow th ranken the fields, and preserve the Corne: from the venth of December, untill the sixteenth of Ianuary the yes will encrease one houre.

The Spring.

The comfortable Spring beginneth at the Sunnes entrance into the Equidiurnal signe Aries, on the 10 March, equalizing the day and night in our North titude, and all other places, except under the Poles of e world, where they have the Sun continuing above eir Horizon many dayes together. The Sunne doth w beginne to approach to our Climate his radiant ames, stretching themselves forth towards our mountaines, his heat mixed with moystnesse, beginning by

little and little to augment, doth so temperate the air that it is comfortable to all things that have life, and have their being on the North side of the Equator, more than any other season: Now there ariseth with the Sun Stars, called Hyades, Hyades, Oryon, and in the Evening Arcturus, tempestuous and moist Starres, which stirre up raine and moist windes: At length the Sun comming to Gemini moveth a convenient & temperate heate to the former seed time ending the quarter in last part of Gemini.

Summer.

SUmmer beginneth at the Suns increase into the first minuite of the Northerne and Tropicall signe Cancer, on the 11 of June Presepa & Asseti, and other fixed Starres, from whence, by the Suns accesse, is stirred up raine, to bring forward corne and other fruites; but after the things growing from the earth have got a full increase, and by heat waxing towards maturation, and ripenesse, the Sunne approaching the hot signe Leo then ariseth Syrius and Procyon, being starres of a hot constellation stirring up heat, to the tempering whereof the Etesian windes doe blow in the day time: Afterward the Sunne cumming to Virgo, the said heate is mittigated by little and little: And at the rising of Arcturus bringeth raine, all things ceasing growth and increase, ending the Quarter on the 13. of September.

Autumne, or Harvest.

AVtumne, or Harvest, beginneth on the 13. of September, the Sunne entring into the 1. minuite of the Equinoctiall signe Libra, equalising againe the night and day, of nature cold and dryе, for the heate ceaseth with the Summer passed: Although plentifull showres doe then fall, so that the Vintage is then in season, and the winter seed time made commodious, [illegible]

Withſtanding the aire being ſo extreame made hot
ze by the Suns acceſſe to hot Stars in Sagitary is
ewhat increaſed, & the moiſture of the earth drawne
and the ground cherished and prepared for the win-
following, leſt that cold comming of a ſudden might
the ſeed and winter come. This quarter hath his
od at the Suns departure from the laſt minuite of
tarius, a ſigne cold and moyſt of the watry triplicity,
mpanyed with fogs and miſts, and ſuch other per-
ous alterations, enemies to nature, and more un-
fortable than any of the other ſeaſons, hurting all
gs that have a vegitive life.

Remove good Lord the cauſe, then the effect
Shall comfort bring to them are thine Elect.

ſtronomicall Directions for Phyſicke, &c.

Nd firſt Blood-letting is chiefely to be regarded with great cir-
cumſpection and advice of the learned Phyſitian, avoyding all
Quack-ſalving knaves, and women Doctors, who kill more than
cure. Firſt know whether the Patient may or no be let blood, or
, as if it be to purge the body of ſome unnaturall naughty and ſu-
ous humour, &c. for otherwiſe it is very dangerous and openeth
y to many grievous infirmities: A note generally that it is not
nient either for a very leane and weake man, or for a very fat or
man to be let blood; neither for a child under 14. yeares of
and an old man above 56. Now there remaineth for his com-
on and age: and outwardly for the time of the yeare, time of the
and dyet.

For the complexion let blood in the
- Phlegmatick.
- Melancholy.
- Cholerick.
- Sangain.

The Moone being in
- Aries, *or* Sagit.
- Libr, *or* Aquar.
- Canc. *or* Piſce.
- either of theſe.

For his age let blood in his
- Youth from the change to firſt quarter.
- Middle age from firſt quarter to full.
- Elder age from full Moone to laſt quarter.
- Old age from laſt quarter to the change.

of the yeare. Spring good, and Harveſt indifferent.

A Prognostication.

For the time of the Moneth.

Let not blood { The moone in *Taurus, Gemini, Leo Virgo, Capr.*
The day before or after the change and full.
12. houres before or after the quarters of moon
The Moone with ♄ or ♀ very aspective.

The time of the day | Morning after Sun rise fastin. | The aire temperate.
After noon aft. perfect digest. | The wind not south.

Dyet after Bleeding. | Sleep not presently, stirre not violently.
Use not venery, feed thou warily.

Notwithstanding, for the phrensie, the pestilence, the Squinancy, Plurisie, Apoplexy, a continuall Head-ache growing of Choler, Blood, a hot burning Fever, or any other extreame paine, in this c the patient may not tarry a chosen time, but incontinently with convenient speede he must seeke his remedy: but then his blood not to be let in so great a quantity, as if a chosen time might bee spected.

Good to purge with { Electuaries. Potions. Pills. } the Moon in { Cancer. Scorpio. Pisces. }

Good to { Prepare humours. Vomit. Purge by sneesing. Take Glisters. Take Gargarisms. Stop Rheumes, fluxes Bath for cold diseases } *The Moon in* { *Gem. Libr. Aqu Aries, Taur. Capri Cancer, Leo Virg Aries, Lib. Sc Cancer,* or *Aries. Taur. Virg. Capric. Aries, Leo, Sagit.*

A Table of Expences.

Expence.		Weeke.	Moneth.	Yeare.
Farthing	By the day is	1 d. ob. q.	7 d.	7 sh. 7 d. q.
Halfe-peny		3 d. ob.	1 sh. 2 d.	15 sh. 2 d. ob.
A peny		7 d.	2 sh. 4 d.	1 l. 10 sh. 4
Two pence		14 d.	4 sh. 8 d.	3 l. 0 sh. 9
Three pence		1 sh. 9 d.	7 sh.	4 l. 11 sh. 3
Foure pence		2 sh. 4 d.	9 sh. 4 d.	6 l. 1 sh. 8 d.
Five pence		2 sh. 11 d.	11 sh. 8 d.	7 l. 12 sh. 1 d.
Sixe pence		3 sh. 6 d.	14 sh.	9 l. 2 sh. 6 d.

Or worke thus 2. pence a day is 2. pounds, 2. halfe pounds, 2. gr and 2. pence being put together, makes 3. pound 10. pence a yea 12. pence the day, is 12. pounds, 12. halfe pounds, 12. groats, an pence, which is 18 pounds 5 shillings a yeare: Thus may you do Summe.

Note also, ye ye Partars under ye word Expence, aft ye working, must always bee added to ye year.

Geometricall Meaſures.

Three Barly cornes in length make an inch, 12. inches a foote, 3. feete a yard, 5. yards and a halfe, or 16. foote and a halfe make a Pole or Rod to meaſure land with, 40. of thoſe poles are a Furlong, and 8. Furlongs an Engliſh mile.

In an Engliſh mile is contained 1560. yards, 5280. feete, 63360 inches, 1920080 barly cornes: in which is contained of ſquare: poles 160, yards 4840, feet 43560, inches 6272646. In a foote of bord or glaſſe is conteined 144 flat ſquare inches: in a foote of timber is contained 1728 cubicall ſquare inches: this is to be underſtood to be as ſquare as a Dye and of ſuch like ſquare quarters of inches 11059².

To meaſure Timber is to multiply its ſquare in inches, and with that product 1728, (the ſquare inches that are in one foote) and the quotient will ſhew how much in length for one foote: Example, A peece of timber being 8. inches ſquare, that 8. multiplyed in itſelfe makes 64. by which if you divide 1728. the quotient will be 27. which ſhewes that when the peece is 8. inches ſquare, 27. inches in length will make a foot ſquare, that is a foote of timber. But for the more eaſie meaſuring of timber, view the Table that followes, wherein is ſhewed how much in length will make a foote of any ſquare; from every inch, quarter, & halfe quarters of inches, from 1 inches to 24.

The longeſt day at London is 16. houres, and 30. minutes: and at Yorke 17 houres lack 2 minuites; almoſt halfe an houre longer than at London.

The longeſt day at Cambridge is 16 houres, 34. minutes 34. minuites longer than at London, and ſhorter 24 minuites than the day at Yorke.

Nulla dies pereat, pereat pars nulla diei,
Ne tu ſic pereas, ut periere dies.

To Measure square Timber.

Square	0		12 ½		25		37 ½		50		62 ½		75		87
	Inches.		0		1quar.		0		hal.in.		0		3 quar.		0
	fo.	in.	fo.	in	fo.	in.	fo.	in.	fo.	in.	fo.	in.	fo.	in.	foo.
3	16	00	14	9	13	7	12	7	11	9	10	11	10	3	9
4	9	0	8	6	8	0	7	6	7	1	6	9	6	5	6
	in.	pt.	in.	pt	in.	pt.	in.	pt.	in.	pt.	in.	pt.	in.	pt.	in.
5	69	12	65	79	62	70	59	82	57	13	54	62	52	27	50
6	48	0	47	6	44	23	42	52	40	90	39	38	37	93	36
7	35	27	34	4	32	88	31	77	30	72	29	72	28	77	27
8	27	0	26	18	25	39	24	64	23	92	23	23	22	57	11
9	21	34	20	75	20	20	19	66	19	15	18	65	18	18	17
10	17	28	16	86	16	45	16	6	15	68	15	31	14	96	14
11	14	28	13	96	13	65	13	36	13	7	12	78	12	51	12
12	12	0	11	76	11	52	11	29	11	6	10	85	10	64	10
13	10	22	10	4	9	85	9	66	9	48	9	31	9	14	8
14	8	82	8	66	8	51	8	36	8	22	8	8	7	95	7
15	7	69	7	56	7	44	7	31	7	19	7	7	6	96	5
16	5	75	6	65	6	55	6	45	6	35	6	25	6	16	6
17	5	98	5	89	5	80	5	72	5	64	5	56	5	49	5
18	5	34	5	26	5	19	5	12	5	5	4	98	4	92	4
19	4	79	4	72	4	66	4	60	4	54	4	48	4	43	4
20	4	32	4	26	4	20	4	16	4	11	4	6	4	1	3
21	3	91	3	86	3	82	3	77	3	73	3	69	3	65	3
22	3	57	3	53	3	49	3	45	3	41	3	37	3	34	3
23	3	27	3	23	3	20	3	16	3	13	3	9	3	6	3
24	3	0													

The use of this Table.

YOu must first find the number of inches, whic the square of your peece, on the left hand of Table, under the title of Square : and in the next lume you have your length desired: If the square of piece bee even inches : but if the square of your p which is to be measured be inches & quarters, or inc quarters, and halfe quarters, then (as before) find inches on the left hand of the Table, right against w towards the right hand, proceed untill you come un

he other parts of your ſquare, & you have your length eſtred: 100 parts maketh one inch: Example, when the iece of timber is 3 inches ſquare, then 16 foot in length akes a foot: 3 inches and a halfe, and quarter ſquare hen 14 foot & 9 inches in length makes a foot, 3 inches nd a halfe ſquare then a 11 foote 9 inches: Likewiſe hen the peece of timber is 8 inches ſquare, then 27 nches in length makes a foot; and when the piece is 8 nches and halfe a quarter ſquare, then 26 inches and 18 arts make a foote: if the peece be 8 inches & a quarter quare, then 25 inches 39 parts do make a foot, and thus f the reſt for ſquare timber.

To meaſure round timber, is to gird the logge or peice f timber about with a ſtring, and the fourth is taken or the true ſquare, as if the ingirding of a logge be 24 nches about, 6 inches is taken for the true ſquare, being fourth part thereof, and ſo by the Table aforegoing, 4 ote in length ſhould make a foot ſquare.

But the true way for meaſuring of round timber is o multiply the halfe circumference by halfe the Diame- er, and by that product divide 1728, and the quotient will ſhew how many inches in length make a foot, but ecauſe the diameter is the 22 parts of the circumfe- ence; and ſo likewiſe of the hal'e Diameter, and the al'e circumference; this way may ſeeme to be tedious, herefore for finding the true ſquare with more eaſe ob- erve the rule that followes.

First note, that the fourth part or quarter of ingirding f any round timber is in ſuch proportion to its true quare 10000 is to 11: 82; therefore multiply 11282 by fourth part of ingirding of any round timber, and that product divided by 10000, that is by onely cutting of the irſt foure figures towards the right hand; they that are eft towards the left hand ſhall ſhew the inches, & them ut off, ſhall alſo ſhew the parts of inches, which ſhall be

the true square which may be measured by the Table be-
fore going,

Example, let the girding of a piece of round Timber
24 inches about a fourth part or quarter is 6 inches,
which 6 multiply the said 11282 and the product will
67602, which divided by 1000. the quotient will
6(7692) but omitting the two first figures of the nu-
merator of the fraction 10000 namely 92: and also t
first two Cyphers of the denominator, as not necessa
to be used, being but of smal value, the fraction remaini
will be 76 parts of an hundred, so shall the true square
found to be 6 inches, & somewhat more than 3 quarter

Now to know how much in length for a foot, find t
said 76 on the head of the table before going, or for wa
of it the nearest unto it, lesse then it, for we alwaies gi
advantage to the timber, which there is 75 that is fo
quarters of an inch under which 75 against 6 is the
angle or place of meeting are, 37 inches, and 93 part
that is almost 38 inches, and so much in length mak
a foot, when the piece of timber is 24 inches abou
which is the true way differing from the former, whi
is the way commonly used more then 10 inches: A
this is a generall rule when the ingirding may be di
ded by 4 and nothing remaining. But suppose the pi
of timber to be 34 inches about, which number can
be divided by 4, therefore we cannot take a fourth pa
otherwise then for them 34 inches to take 34 quarter
of inches, by which number multiply the aforesaid nu
ber 11282 and the product will be 383588, which di
ded by 10000, the quotient will be $38\frac{3588}{10000}$ that is 3
quarters of inches, the fraction will not give halfe
quarter, except the numerator were 5000 which redu
ced to inches and quarters, the true square will be
inches $\frac{1}{2}$ for which square, according to the direction be-

fore

fore going you shall finde by the Table 19 inches and 5 parts in length to make a foote: and thus may you exactly measure any round timber.

The short view of Astronomy inlarged.

THe World is said to be an intire and perfect composition of all things, a Divine Worke but finit, adorned with all kinds of formes and shapes of bodies, which in all parts are procreated and doe appeare, and at first created by God as well in earth as in heaven by his Word onely of nothing, to the end the same might be a proper mansion place for man, in which hee might behold daily, and make knowne. Aristotle maketh two definitions of the World: first, that it is an apt frame, consisting of heaven and earth: and of celestiall and terrestriall bodyes, and of other naturall things in them contained; the other that it is a perfect body and round forme, containing the ordinances and distributions of bodies created by God to tend unto a purpose; and is divided into two parts, viz. Elementall and Etheriall: the first is subiect to daily alterations, and containeth 4 elements, viz. Earth, Aire, Fire, Water: An Element is that whereof any thing is compounded, and of it selfe not compounded, of these 4. elements any part of any kind is also named for the whole, as any part of the earth is called earth, and so of the rest; of the commixion of them is ingendred divers things of sundry kinds, aswell vegitive as sensitive, rationall, or irrationall: and every of these elements nourisheth therein living creatures, as the Salamander in our fire, being but an imperfect element, because it is mixed with an earthy matter; the Camelion by the aire, Birds also that there abide, fishes in the water, moles & wormes in the earth, man and beast on the earth, the superficiall convexity of every one of these, as also the Planets resting upon the superficial concavity of the next superiour Planet and Element, as

the

the earth hangeth in the concavity of the water, the water in the concavity of the aire, the aire in the concavity of the fire, as the skale of onyons inclosing one another. The earth is a round body, like a ball, darke and hollow without concavity, hanging in the midst of the world by the providēce of God, being as a point of a pen, in respect of the heaven cold & drie by nature: next above the earth is the water, the earth hanging in the concavity thereof ut supra, the seal limitted by the earth, the water cold and moist, the aire warme and moist, the fire hot and drie, yet each element participateth with the fire being warme, with the water in moistnesse, the earth with the water in coldnesse, with the fire in drinesse, so that two Elements be extreamely contrary; as the fire warme and drie is contrary to the water, cold and moist: And the aire warme and moyst is contrary to the earth cold and drye, and yet have a quality passive predominating as the fire exceedeth in heat, the water in coldnesse, &c. yet by participation and commixion al bodies perfect, as also unperfect, which are bodies mixt and gendred: The Ætheriall or Celestiall part of the world doth also compasse in the concavity thereof all the Elementall Region, and hath in it the 7 Planets and their Spheres: the reason how the Spheres were first found out were their contrary motions in the heavens; all things in the heavens turning about the earth upon the Poles in 24 houres, and these motions are from the East into the West: and this we attribute to the motion of the 10 Sphere, or Primum mobile without staying, being so appoynted by God from the beginning, & so carryeth about with a contrary motion every one in his kind, contrary to the former from the west into the east; and so are wheeld about oftentimes by the first mover, before they make a full revolution in themselves.

The next Sphere is the Christalin, being the ninth, & his motion

motion almost insensible, & is performed 49000 yeeres.

The 8 Sphere being the Starry firmament, or those Stars that are there infixed performeth his motion in 7000 yeares. The rest of the Spheres are the 7 Planets, each Sphere in it containing but one Star: the uppermost and slowest is called Saturne, of a pale colour, performeth his course in 30 yeares, the greatnes of his body exceeding the earth 22 times, and distant from the earth 9073000 miles.

Jupiter performeth his course through the Zodiack in 12 yeares; of colour faire & bright, his corpulence exceeding the earth 14 times, & distant from the earth 3431400 miles. Mars finisheth the tract of the Signifer in 2 yeares, of a fiery colour, and lesse then the earth 13 times; and distant from the earth 1500700 miles.

The Sun cleare and bright passeth through the Zodiacke in 365 daies 5, houres 49. minuites, the bignes of his body greater than the earth 140 times, and distant from the earth 989000 miles.

Venus cleare shining finisheth her course in a yeare, & lesse then the earth 6 times; and distant from the earth in her meane motion as the Sunne.

Mercury somewhat shining, endeth his revolution in a yeare, and is lesse then the earth 19 times, & distant in his meane motion as the Sun also.

The Moon, the lowest, dispatcheth her course in a moneth, and is lesse then the earth 42 times, and distant 48790 miles.

If any demand to know why these Spheres being many are not subiect to sight, but seeme as one intire body, the reason is because they be bodies perspicuous, cleare, and transparent. Stars are of the same matter as the heaven or spheres are wherein they are fixed, yet farre more thick and apt to receive & retaine the light of the Sun, for as the light of a candle piercing through any hole

hole on the toppe of a darke house, and the light of the same will appeare, and make that part shining to sight, whereas the contrary would happen in a light and perspicuous place, neither doe they twinkle, only our eyes be deceived by far distance of them, and also the motion of the aire. The 7 Planets seeme not to us to twinkle, because they be far more neare unto us, their beames more stronger; for the nearer the light is unto us, the more stronger are the beames proceeding from the same; when Stars seeme to shoot looke for wind from that quarter; also a circle about any of the Planets then look for raine.

The Eclipse of the Sun is the interposition of the body of the Moon betwixt us & the Sun; and is never eclipsed but at a new Moon. Sun-setting in a Cloud looke for raine.

The Moons eclipse is the interposition of the body of the Earth betwixt us and the Sun, and is eclipsed at a full Moon, but not at every full, no more than the Sun at every new Moon.

The Raine-bow is made by the Sun-beames, striking on a hollow Cloud, the edge repelled, and is a signe and token that God remembreth his promise to man, never to drowne the world againe. If 2 Rain-bows appeare Raine; a Rain-bow after raine faire weather: the Rain-bow not seene by night. A Cloud is a vapour cold & moist, drawne out of the waters by the heate of the Sun into the middle Region of the Aire, and by cold knit together, and hangeth untill its owne weight, or some resolution make it fall, and that is raine: Clouds, like fleeces of wooll, fleeting to the East raine: Clouds riding apace in the Aire winds from that Coast, the worse comming from North or South; black clouds from the West raine at night; but from the West rain next day.

Mists are of 2 sorts, one ascending, the other descending, a vapour lifted up into the Aire by the heate of the

Sun

Sun there thickned falleth downe againe, and filleth those grosse vapours, and is a signe of faire weather.

Dew is a vapour which in the Spring and Harvest drawne up by the Suns heat in the day, & abiding in the lower Region, by the cold of night is condenced into water, and so falleth in very small drops in a temperate cole time

White Frosts is a dew much congealed: South & West winds causeth dew, but North, and North-east winds congeale them, making the Frost. Store of Snow falling on the plaine the Frost will breake.

Haile is a hot vapour in the middle Region of the Aire, by that Region made thicke into a Cloud, which falleth down, to the sudden cold of the lower Region, & there congealed. Snow is a Cloud congealed by great cold before it can be dissolved: store of snow in winter, a plentifull yeare followeth after.

A Commet or Blazing star is an exhalation hot & drie, of great quantity, hot & clāmy, compact like a great lump of Pitch, which the Sun by his heat draweth out of the earth into the highest region of the aire, & there by the excessive heat of the place set on fire, appearing like a star, with a bushy taile, & lasteth so long as there is substance to burn, an evident token of a corrupted aire: some write, a signe of earth-quakes, warres, death of great men, of plague, dangerous the yeare after its appearing, especially to that Climate were it appeareth, fore-runners of great destruction, corrupting of earthly things, signifying of great storms & tempestuous winds to follow.

Stars never fall, as many think, for God hath set them fast for ever; for if but one star should fall it would overcover the earth, being far bigger then the same. If stars seem to sparkle in winter frost: wind is by many exhalations drawn from the earth, & enforced backe runneth about the same: the Rain-bow appearing red, lightning in the north, the Moone small and red; divers colours

about

bout the Sun or Moone fore-tell wind to ensue.

Earthquakes are plenty of winds gotten in the caverns of the earth; and the earth againe closing causeth the shaking thereof: (and as some write is a token of warr) the absence of wind long, the Sun overcast without any Clouds, terrible noyse heard in the aire as the clattering of armour, howling, bellowing, bustings, foretell of some Earthquake to ensue.

Thunder is an exhalation hot and drie, mixt with moisture, carryed up into the middle Region, there inclosed in the body of a Cloud: these 2 contrarities shut up together fall at varience, breake the cloud, the rending of the cloud we call thunder, the fire lightning, the bolt a grosse substance engendred betwixt these vapours: thunder at night, great tempests follow: some write, that winters thunder, Summers wonder.

Lightning drie burneth not, moist blasteth, but the cleare melteth mony in purses, drayeth wine out of vessels, breaketh the bones, killeth the childe in the womb: and yet the purse, the vessell, the flesh, and the mother not touched nor hurt, lightnings do allay winds, the extraordinary shooting of the stars shew Lightning to follow.

The ebbing and flowing of the Sea is caused by the course of the Moon which ruleth over moisture, as the Sun over heate; for from the new Moon to the full all humours increase: and from the full to the new moone decrease againe: the sea swelling about the shore, winds follow: winds blowing hard in the South, and turning presently to the North, great tempest on sea: and rains after a storme calmeth the windes: Also the moon at full, change, or first, or last quarter in Aries, Leo, or Sagitarius, in winter faire, in summer hot weather, chiefly in June and July, but being at the same time in Taurus, Virgo, Capricorne, in winter cold, in summer temperate: If in Libra, Gemini, Aquarius winde, more specially in harvest: but if in Cancer, Scorpio, Pisces,

in

winter moyst weather, in summer temperate, yet
metimes the Moon being aspected with Venus.

o know the southing of the Moon every day in the year

Age of the moone		Moone South.	
1	16	12	48
2	17	1	36
3	18	2	24
4	19	3	12
5	20	4	0
6	21	4	48
7	22	5	36
8	23	6	24
9	24	7	12
10	25	8	0
11	26	8	48
12	27	9	36
13	28	10	24
14	29	11	12
15	30	12	0

First find her Age in the Kalender, which age finde in one of the Rowes on the left hand in the Title Table, descending, or ascending against which in the third Colume is the time of her being South, as the foureteenth of *Ianuary*, the Moone is two dayes old, being South at one a Clocke and 36 minuits: And you must note that all the Increase she commeth to the South in the Evening following the Sunne, but in the decrease in the morning going before the Sunne.

To know how long the Moone shineth every day.

F the Moone Increase finde her setting, and the Suns setting, for so much as the Sunne setteth before her, so long she shineth: But if e be past the full as in decreasing: see how much she doth rise be- re the Sunne, for so long doth she shine: or thus for her increase: for know how long she shineth multiply her age by 4, and in the ane augment the rest of the age which she lacketh of 30 by 4. and vide 5 the quotient sheweth the houres, and the remainder, if ere be any, multiplyed by 12. bringeth minuites to be added.

To know the houre of the night by the Moone.

Inde as before at what clocke the Moone will be South, and that keep; then looke of any Sunne-Dyall what of the clocke the sha- w of the Moone poynteth at, noting how much it wants, or is past of the Clocke in the dyall: if it want of 12 the true houre of the ght wants so many houres of her being South; but if it be past 12 en so many houres as it is past 12 you must put to her being South r the true houre of the night.

Example.

J. G. Jan. 1st. 1692. ye is 23 dayes old wch of 30 lacketh
7 multiply by 4. & tis 28 wch part by 5, & tis 5 h. & 36 m
wch add 48 & tis then 6 h. & 24 m. ye is nue shin for ye day

A Prognostication.

Example.

1640. the Moone is South the 14. day of *Ianuary* at one of the Clocke and 36. minutes, then looking at night on a Sunne-dyall, the Moone shining thereon : I finde her shadow at 3 of Clocke after Noon, which is 3 houres after, which I put to one and 36 minuites, the time of her being South, so shall you have 4. and 36. I resolve therefore the just houre of the night to be 36. minuites after 4 a Clocke.

Good time fits best to gaine good friends,
And all is well where all well ends.

The Allowance for light Gold.

In every Peece of	*The Remedy must not exceede*
33	4 graines and a halfe.
30	4 graines and a halfe.
22	3 graines.
20	3 graines.
16 & 6 pence.	2 graines 1 halfe.
11	2 graines.
10	2 graines.
5 & 6 pence.	1 graine.
5	1 graine.
4 & 43 qr.	1 graine.
2 & 9 pence.	halfe a graine.
2 & 6 pence.	halfe a graine.

Of the Currancy of Gold.

AND note that any peece of odde and old gold as a 22 or 11 shilling Piece, is payable for two pence a graine, when it exceedes the remedy, if it want not above the double remedy : but for new and even gold as 20. and 10. they must never exceede their remedy, for if they do they are not to be offered in payment, neither are the 22. 11. and such like to be taken if they exceede the double of their remedy.

And by observing this difference the former Table wil be understood.

The World is hard, the Rich man saies,
Yet to his Mammon daily praies:
The Poore man he complaines of want,
Yet still Gods Blessings are not scant:
Doe thou serve God, him onely feare,
And doubt not of a happy Yeare.

Soli & uni trin Deo gloria.

FINIS.

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